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02-25-02

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	UCSF-127CIP2
First Inventor	COX, DAVID R.
Title	MISMATCH REPAIR DETECTION
Express Mail Label No.	EL 923 483 252 US

APPLICATION ELEMENTS

SEE MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing) | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix) |
| 2. <input checked="" type="checkbox"/> Applicant claims small entity status.
See 37 CFR 1.27. | 8. Nucleotide and/or Amino Acid Sequence Submission
<i>if applicable, all necessary</i> |
| 3. <input checked="" type="checkbox"/> Specification
<i>(preferred arrangement set forth below)</i> | a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) |
| -Descriptive title of the invention | |
| -Cross Reference to Related Applications | |
| -Statement Regarding Fed sponsored R & D | |
| -Reference to sequence listing, a table,
or a computer program listing appendix | |
| -Background of the Invention | |
| -Brief Summary of the Invention | |
| -Brief Description of the Drawings (<i>if filed</i>) | |
| -Detailed Description | |
| -Claim(s) | |
| -Abstract of the Disclosure | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113)
[Total Pages: 16] | 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) |
| 5. Oath or Declaration
a. <input type="checkbox"/> Newly executed (original or copy) | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney
<i>(when there is an assignee)</i> |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))
<i>(for continuation/divisional with Box 18 completed)</i> | 11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>) |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
Named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b) | 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 13. <input type="checkbox"/> Preliminary Amendment |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<i>(Should be specifically itemized)</i> | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)
<i>(if foreign priority is claimed)</i> | |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent. | |
| 17. <input type="checkbox"/> Other: _____ | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.: Unassigned, Filed 02-08-2002Prior application information: Examiner: Unassigned Group Art Unit: Unassigned
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24353 <small>(Insert Customer Number or Bar Code Label here)</small>		<input type="checkbox"/> Correspondence address below
Name	PAMELA J. SHERWOOD PATENT & TRADEMARK OFFICE		
	BOZICEVIC, FIELD & FRANCIS LLP		
Address	200 Middlefield Road, Suite 200		
City	Menlo Park	State	California
Country	U.S.A.	Telephone	(650) 327-3400
Name	PAMELA J. SHERWOOD		Registration No. (Attorney/Agent)
Signature	<u>Pamela J. Sherwood</u>		Date
			February 20, 2002

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$) 1098.00
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Complete if Known	
Application Number	Unassigned
Filing Date	Herewith (02-20-2002)
First Named Inventor	COX, DAVID R.
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	UCSF-127CIP2

METHOD OF PAYMENT	FEE CALCULATION (continued)
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1. The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:
Deposit Account Number 50-0815
Deposit Account Name Bozicevic, Field & Francis LLP
 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant Claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit Card Money Order Other

FEE CALCULATION

2. **BASIC FILING FEE**

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)				370.00	

1. **EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims	62-20** = 42	x 9.00 =	378.00
Indep. Claims	8-3** = 5	x 42.00 =	210.00
Multiple Dependent		140.00	= 140.00

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$ 728.00				

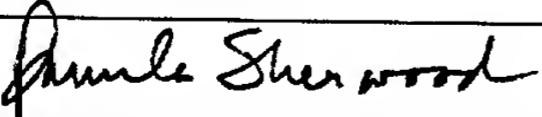
**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge – late filing fee or oath	
127	50	227	25 Surcharge – late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1,280	241	640 Petition to revive – unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 00

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Pamela J. Sherwood	Registration No. (Attorney/Agent)	36,677	Telephone	(650) 327-3400
Signature				Date	02/20/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**CERTIFICATION REGARDING SEQUENCE
LISTING**

Application Number	Unassigned
Confirmation Number	Unassigned
Filing Date	Herewith (02-20-02)
First Named Inventor	David R. Cox et al.
Examiner	Unassigned
Group Art	Unassigned
Attorney Docket No.	UCSF-127CIP2

ADDRESS TO: Assistant Commissioner for Patents
Washington, D.C. 20231

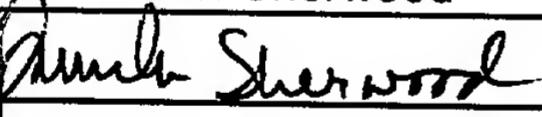
I hereby certify that the enclosed Sequence Listing is being submitted under 37 CFR §§ 1.821(c) and (e) in paper and computer readable form (Compact Disk labeled 'CRF').

As required by 37 CFR 1.821(f), I hereby state that the content of the paper and computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e) are the same. The Computer Readable Format (CRF), being submitted under 37 CFR §§ 1.52(e) and 1.824, is formatted on IBM-PC, the operating system compatibility is MS-Windows and the file listing is:

Sequence Listing.txt 1 KB created 02-20-2002.

I hereby certify that the enclosed submission includes no new matter. The Sequence Listing was prepared with the software FASTSEQ, and conforms to the Patent Office guidelines. Applicant respectfully submits that the subject application is in adherence to 37 CFR §§ 1.821-1.825.

The Commissioner is authorized to charge any fees which may be required, or credit any overpayment to Deposit Account 50-0815, Order No. UCSF-127CIP2. If additional fees are required, including extensions of time, please consider this a petition therefore.

Name (Print/Type)	Pamela J. Sherwood		Registration No.	36,677
Signature			Date	02-20-2002
Firm Name	Bozicevic, Field & Francis LLP		Address	200 Middlefield Road, Suite 200
City	Menlo Park	State	California	zip 94025
Telephone - Direct Dial	650-833-7790		Facsimile	650-327-3231

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.

Name (Print/Type)	Susan M. Alessi	Signature		Date	02-20-2002
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